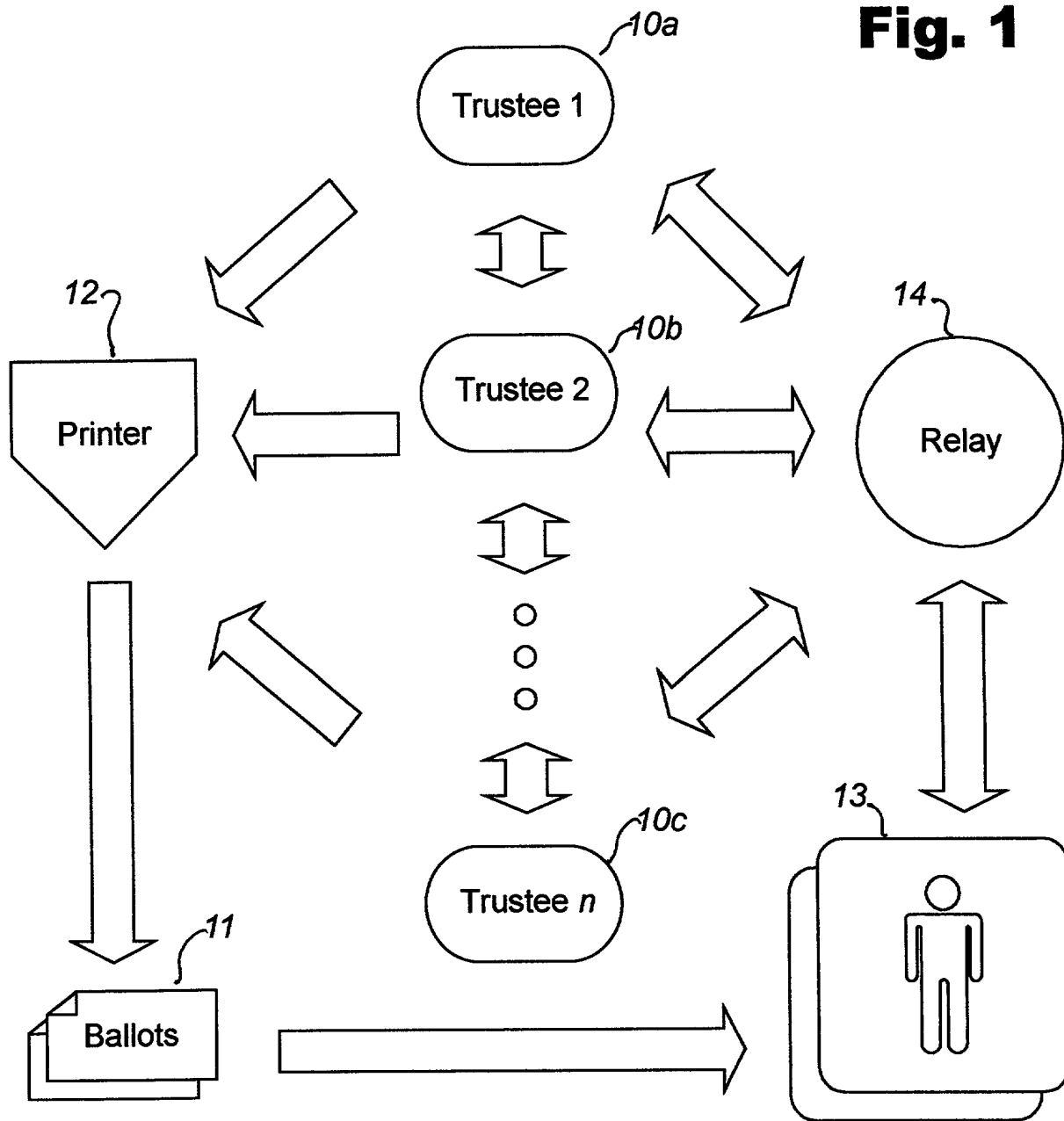


**Fig. 1**



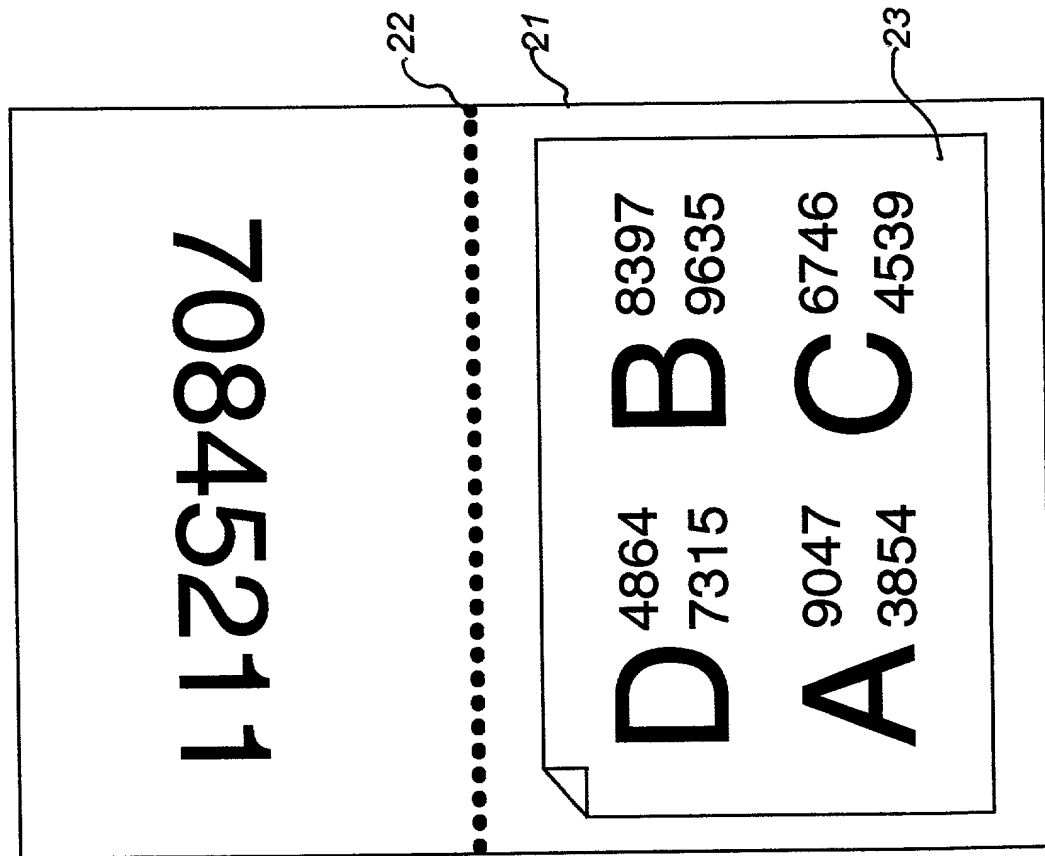
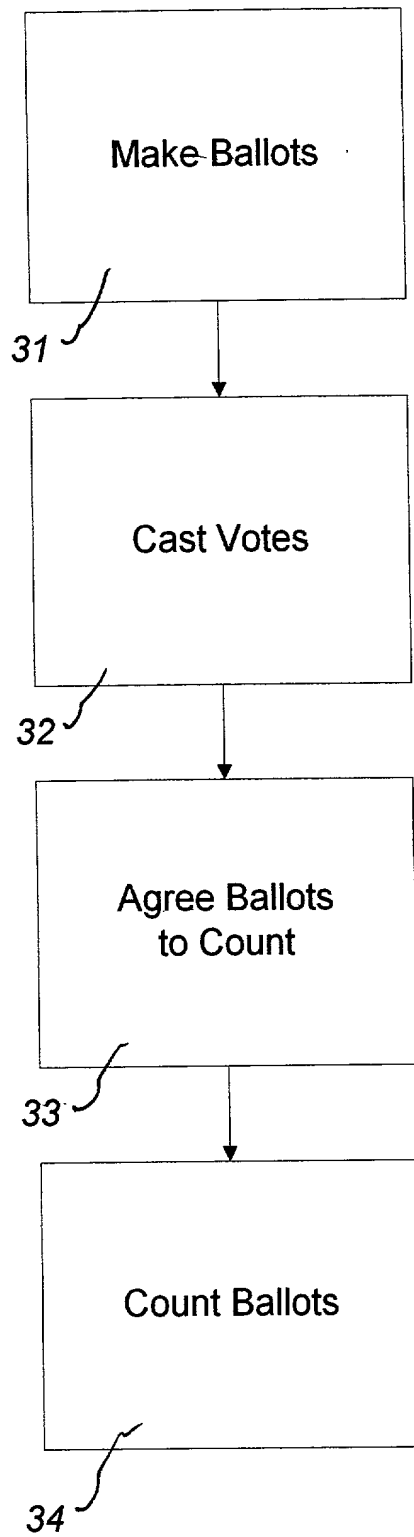
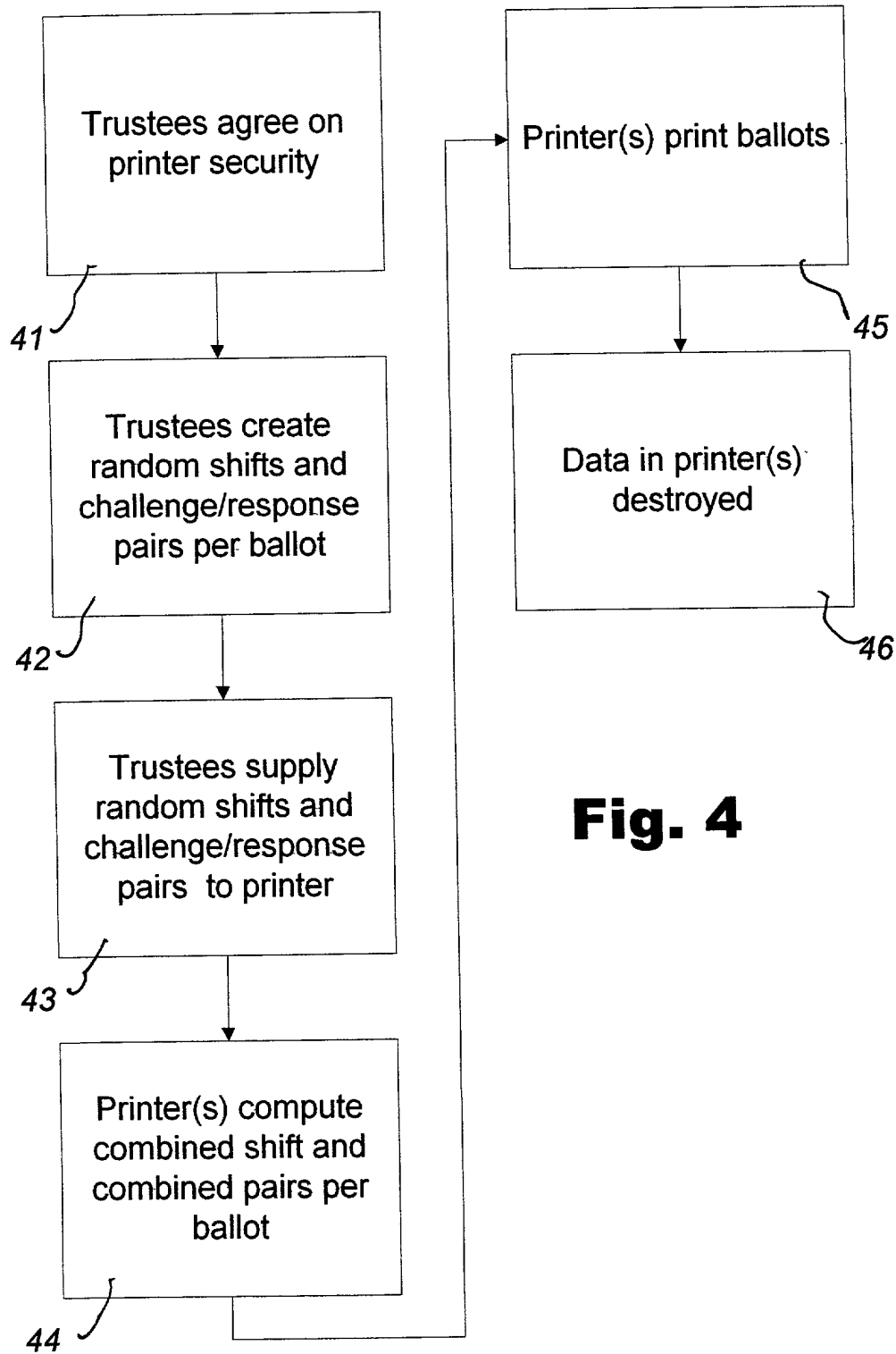


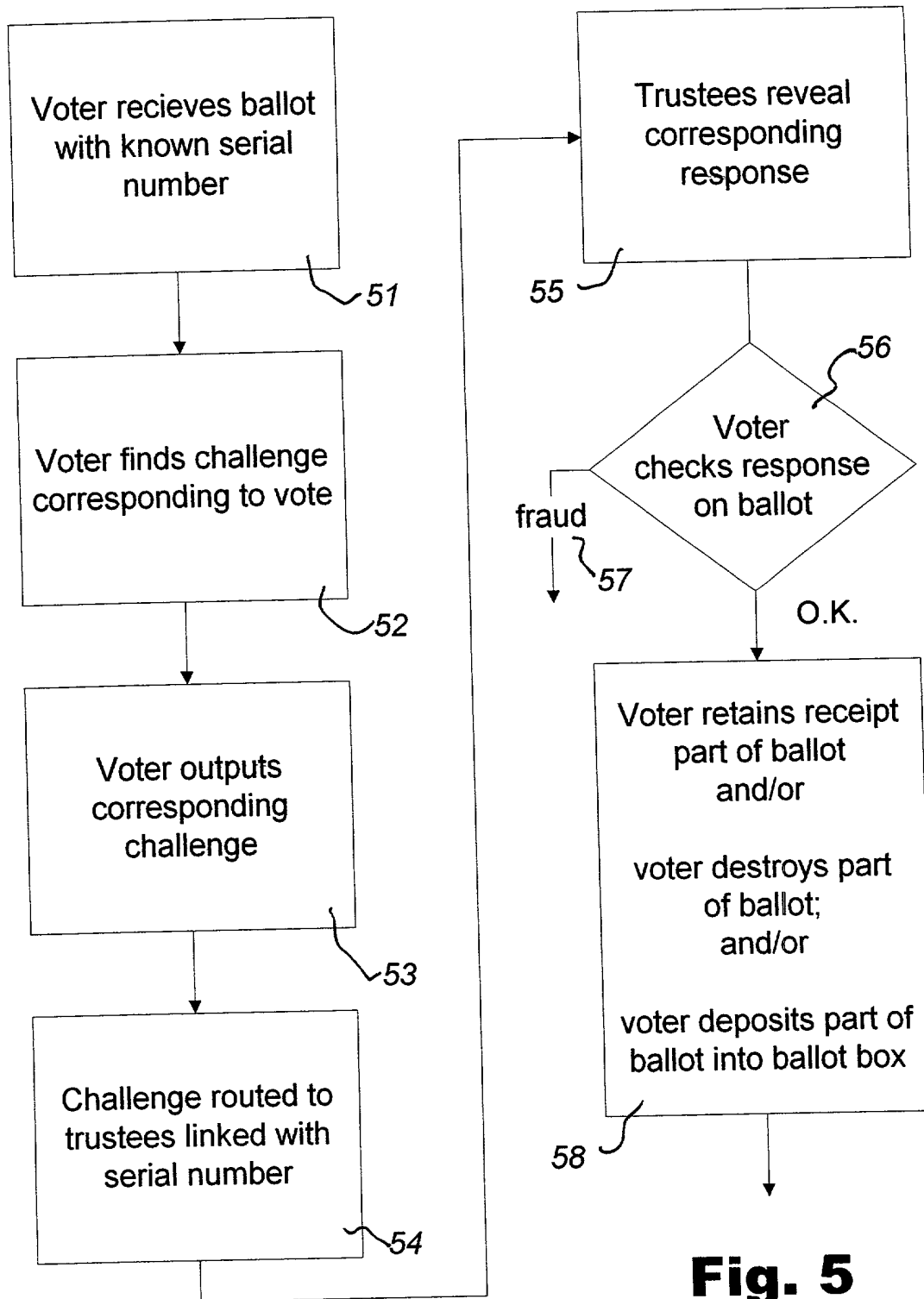
Fig. 2



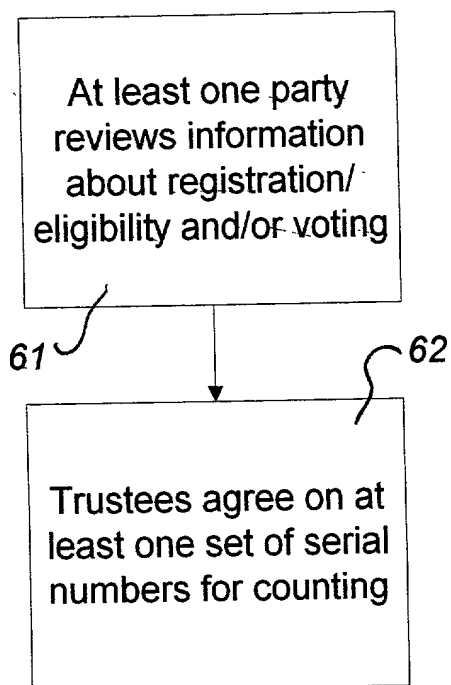
**Fig. 3**



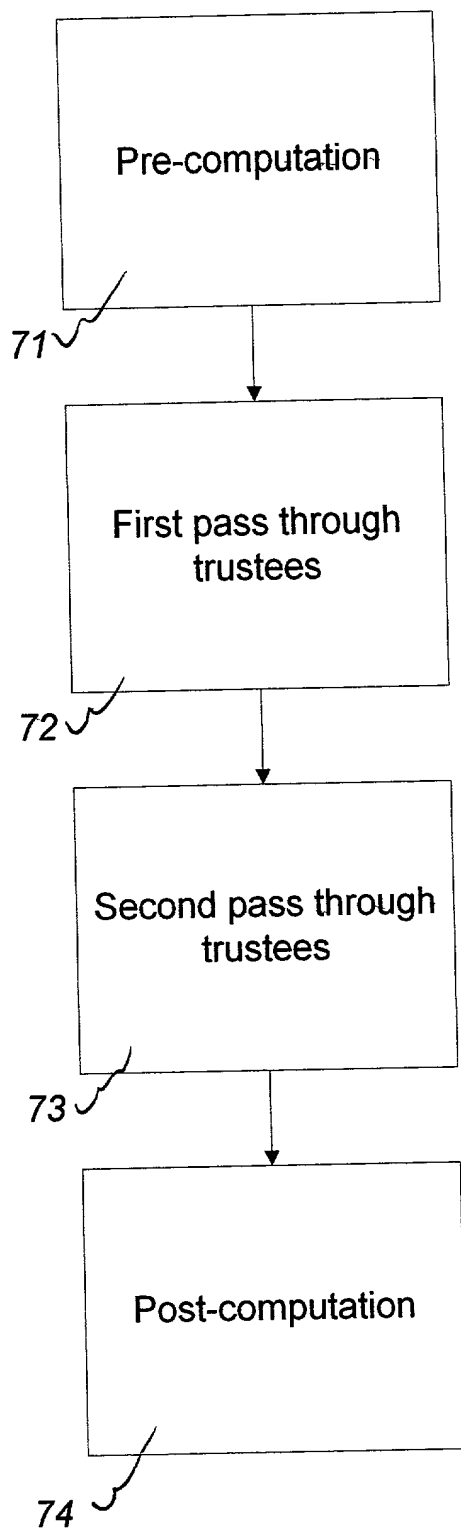
**Fig. 4**



**Fig. 5**



**Fig. 6**



**Fig. 7**

$$g, g^{(2^{s_i})}$$

**Fig. 8a**

$$g^{d_i^*}, g^{d_i^* 2^{s_i + p_i^+} a^*}$$

**Fig. 8b**

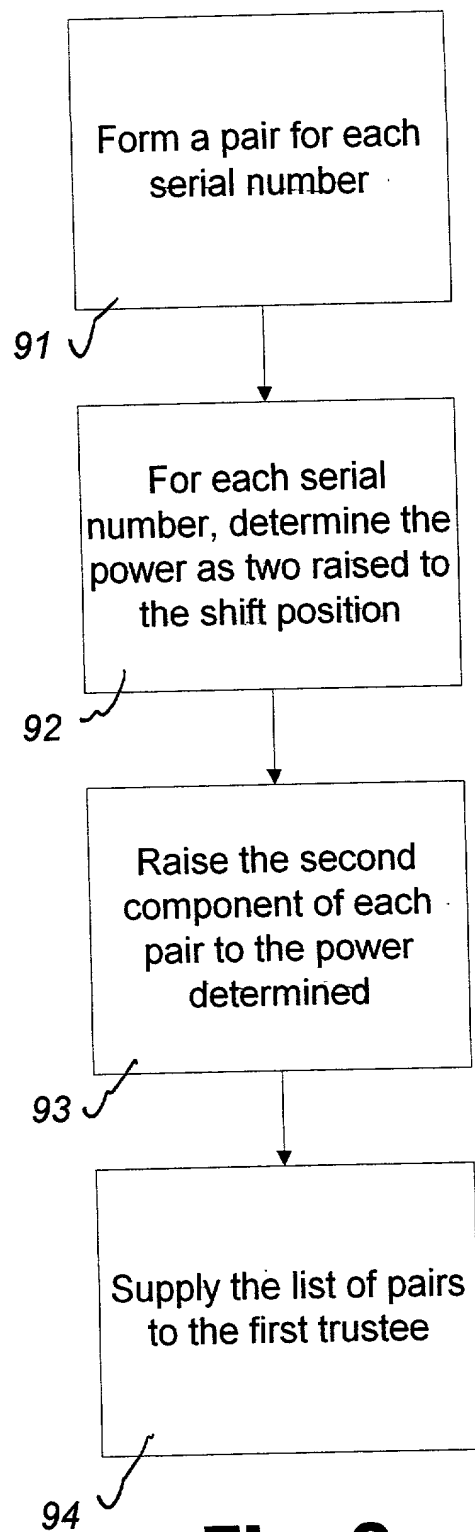
$$g^{d_j^* c_j^*}, g^{d_j^* c_j^* 2^{s_j + p_j^+} b^*}$$

**Fig. 8c**

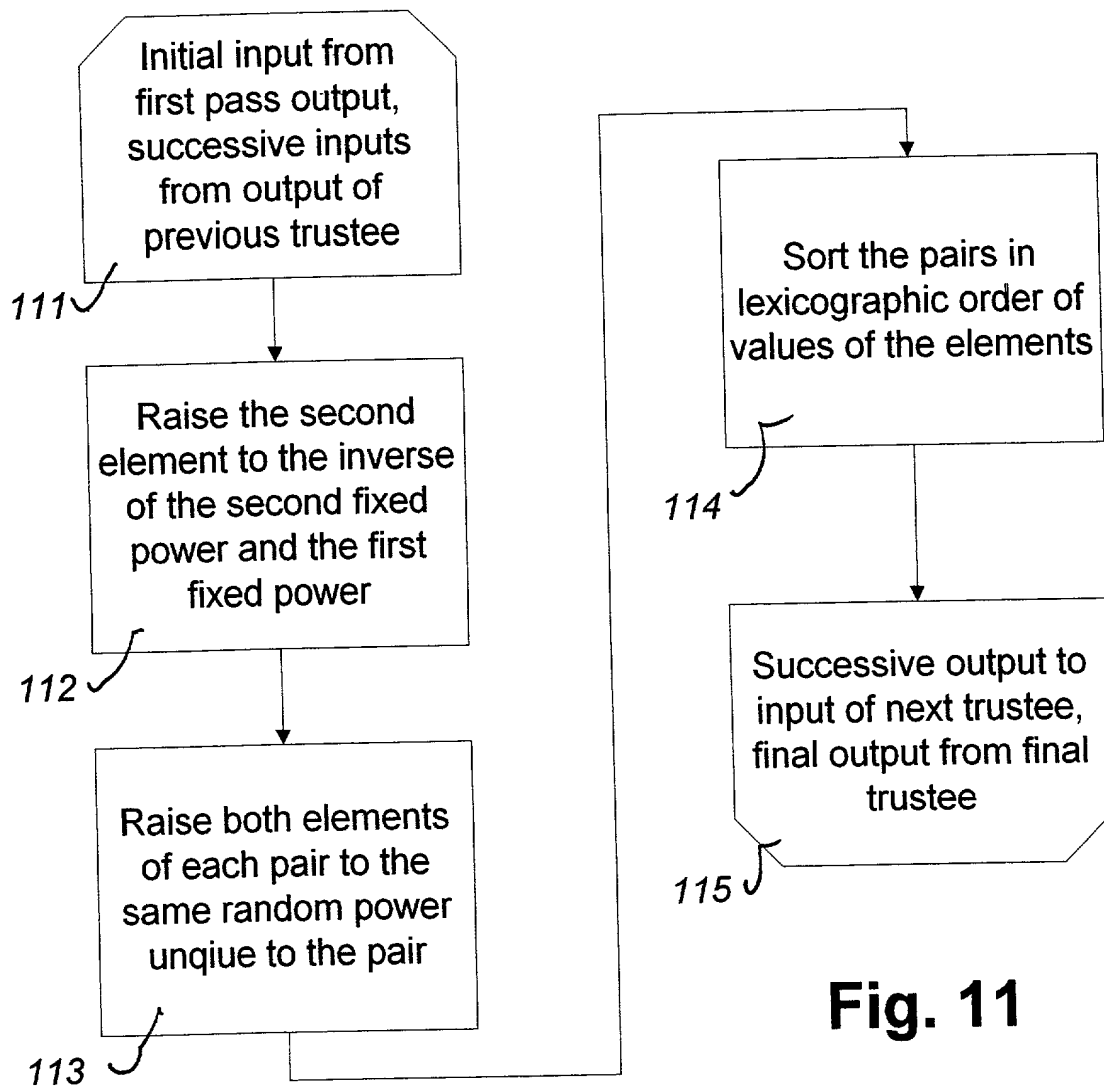
$$g^{d_j^* c_j^*}, g^{d_j^* c_j^* 2^{s_j + p_j^+}}$$

**Fig. 8d**

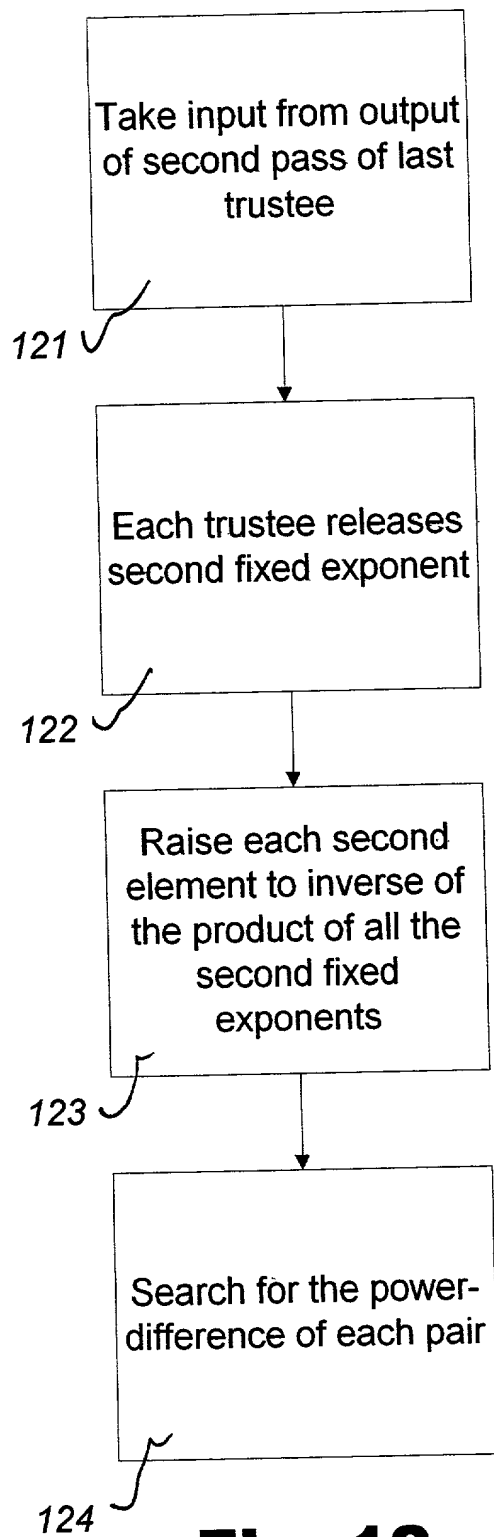




**Fig. 9**



**Fig. 11**



**Fig. 12**

<sup>131</sup>  
 Secrets of  
 trustees  
 $t_1$   $t_2$

<sup>132</sup>  
 Public  
 shift  
 position

<sup>133</sup>  
 Public  
 inputs to  
 pass 1

1 0      1       $g, g^2$

0 1      0       $g, g^1$

1 1      0       $g, g^1$

0 0      1       $g, g^2$

<sup>135</sup>  
 $t_1$   $g^{d_{1,1}}, g^{2 \cdot 2a_1 d_{1,1}}$

$g^{d_{2,1}}, g^{1 \cdot 1a_1 d_{2,1}}$

$g^{d_{3,1}}, g^{1 \cdot 2a_1 d_{3,1}}$

$g^{d_{4,1}}, g^{2 \cdot 1a_1 d_{4,1}}$

pass 1

...

<sup>136</sup>

<sup>137</sup>  
 Opening  
 phase  
 outputs

<sup>138</sup>  
 Outputs  
 that are  
 calculated

$t_1 \rightarrow b_1$

$4 = 0$

$2 = 1$

$t_2 \rightarrow b_2$

$4 = 0$

$2 = 1$

**Fig. 13**



## **Fig. 15a**

<empty>  
<contest 1, candidate 3>  
<contest 1, candidate 3>, <contest 2, candidate 1>  
<revote>

## **Fig. 15b**

<empty>  
<contest 1, candidate 2>  
<contest 1, candidate 2>, <contest 1, candidate 1>

## **Fig. 15c**

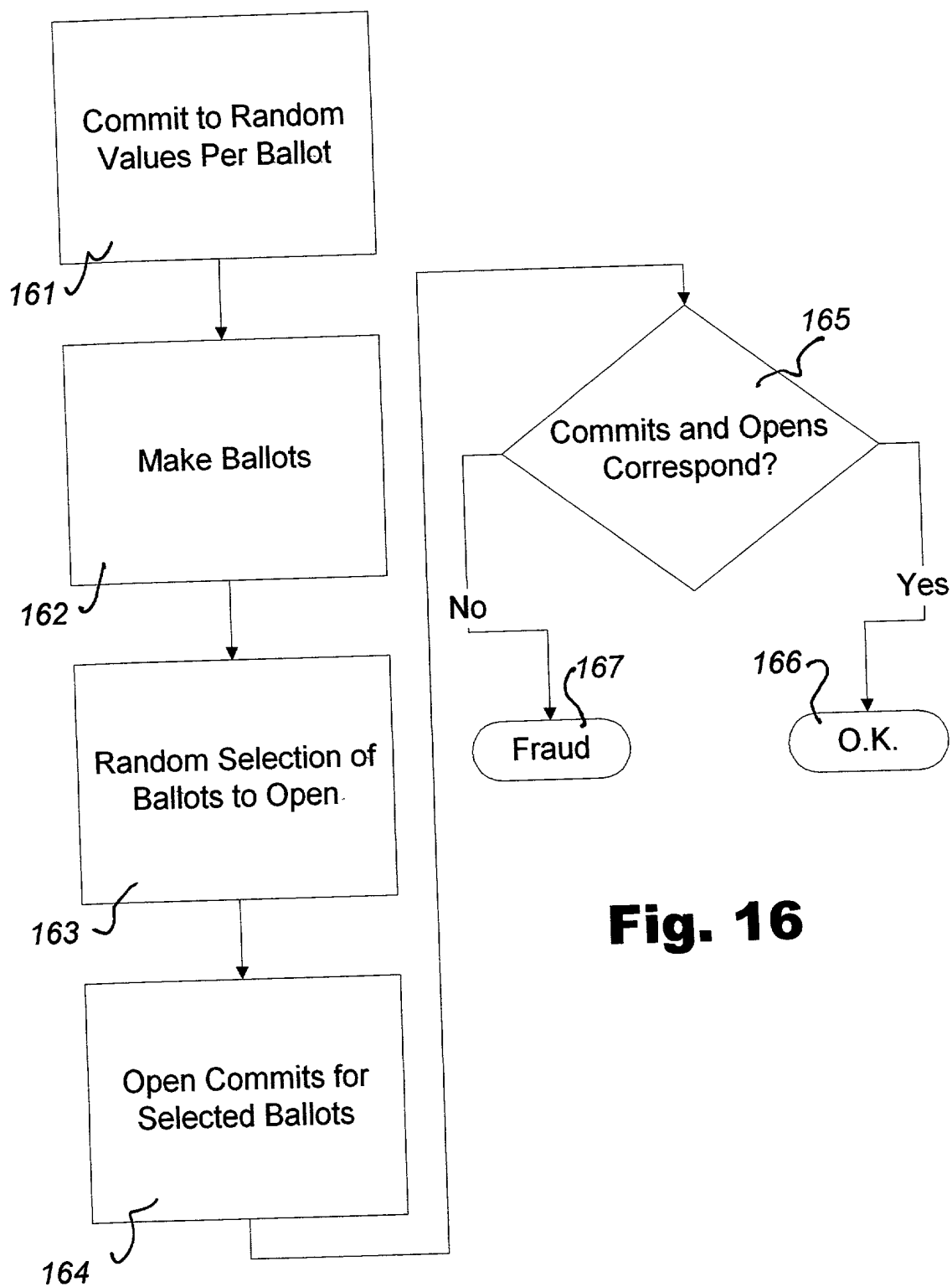
<empty>  
<style 3>  
<style 3>, <contest 1, failure>  
<style 3>, <contest 1, candidate 1>  
<style 3>, <contest 1, candidate 1>, <contest 3, candidate 3>  
<style 3>, <contest 1, candidate 1>, <contest 3, candidate 3>, <confirm>

## **Fig. 15d**

<empty>  
<contest 1, candidate 4, countersign selection pending>  
<contest 1, candidate 4>,  
<contest 1, candidate 4>, <close, countersign selection pending>  
<contest 1, candidate 4>, <close>

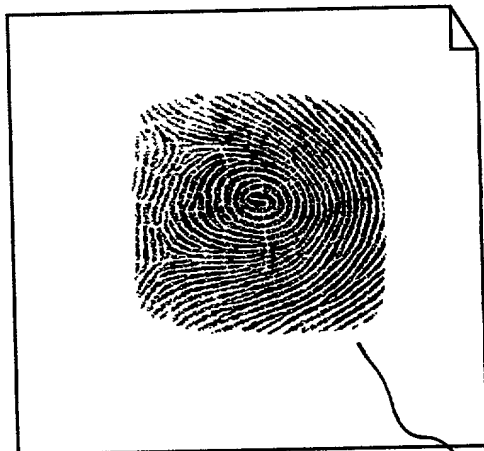
## **Fig. 15e**

<empty>  
<PIN digit 1>  
<PIN digit 1>, <PIN digit 2>  
<PIN digit 1>, <PIN digit 2>, <PIN digit 3>  
<PIN digit 1>, <PIN digit 2>, <PIN digit 3>, <PIN digit 4>  
[PIN accepted]

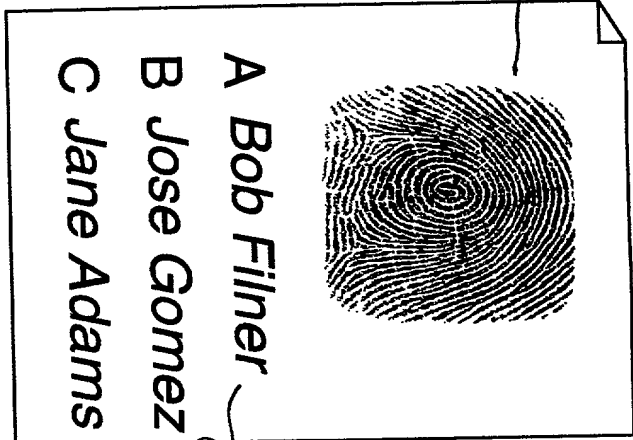


**Fig. 16**

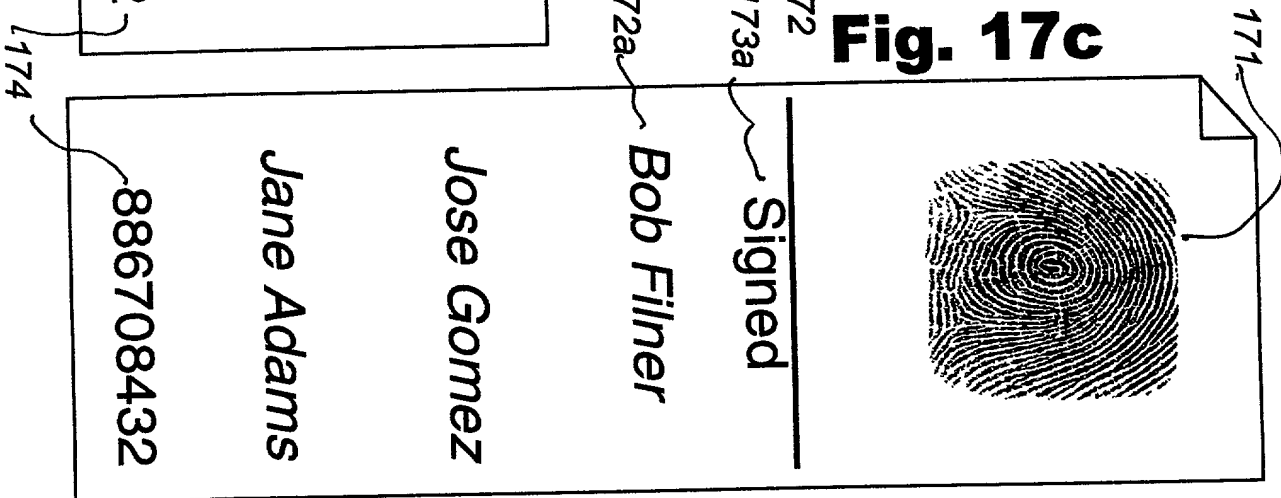
**Fig. 17a**



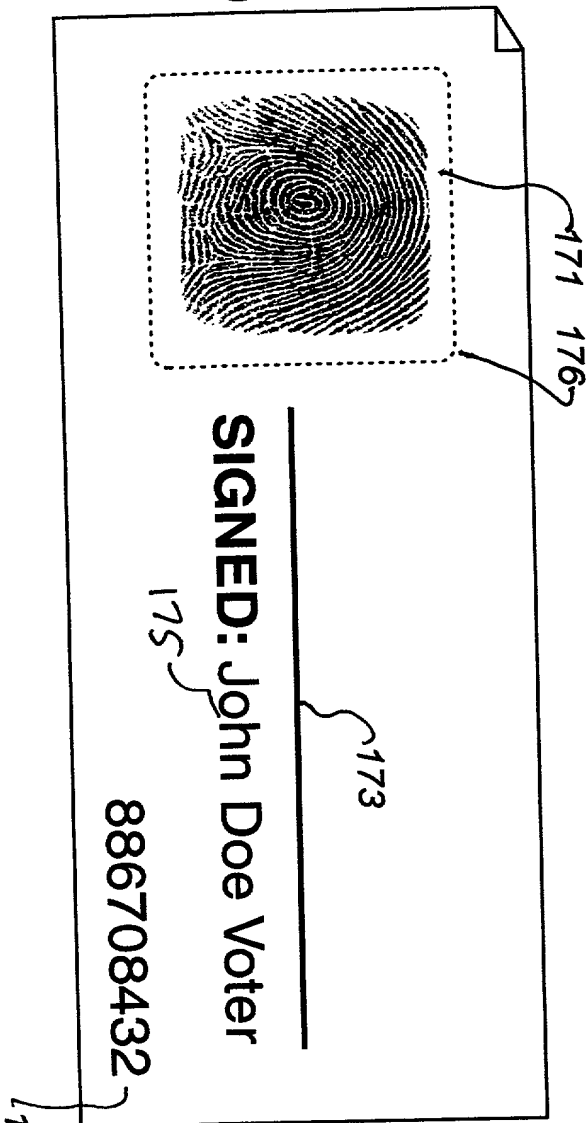
**Fig. 17b**



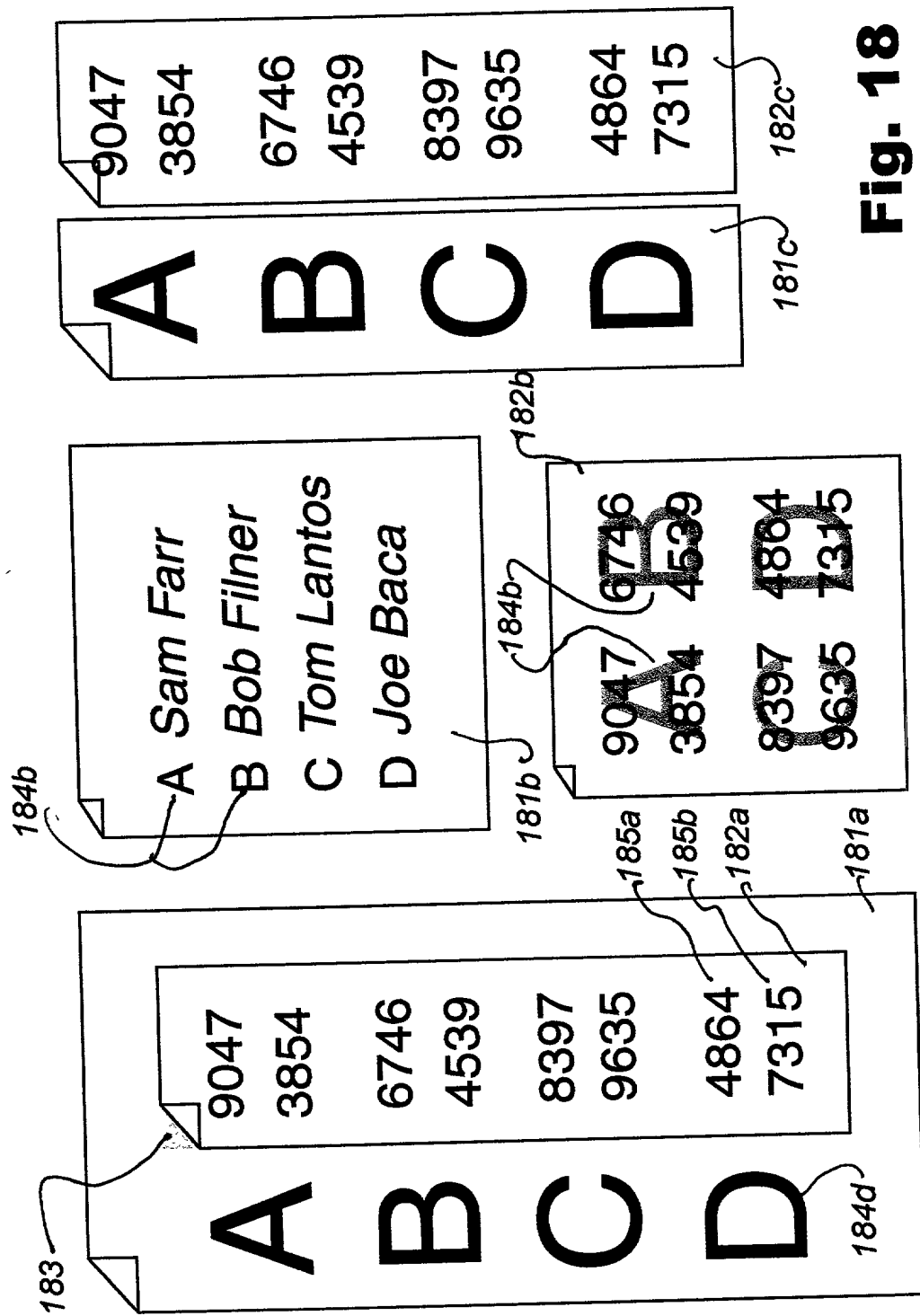
**Fig. 17c**



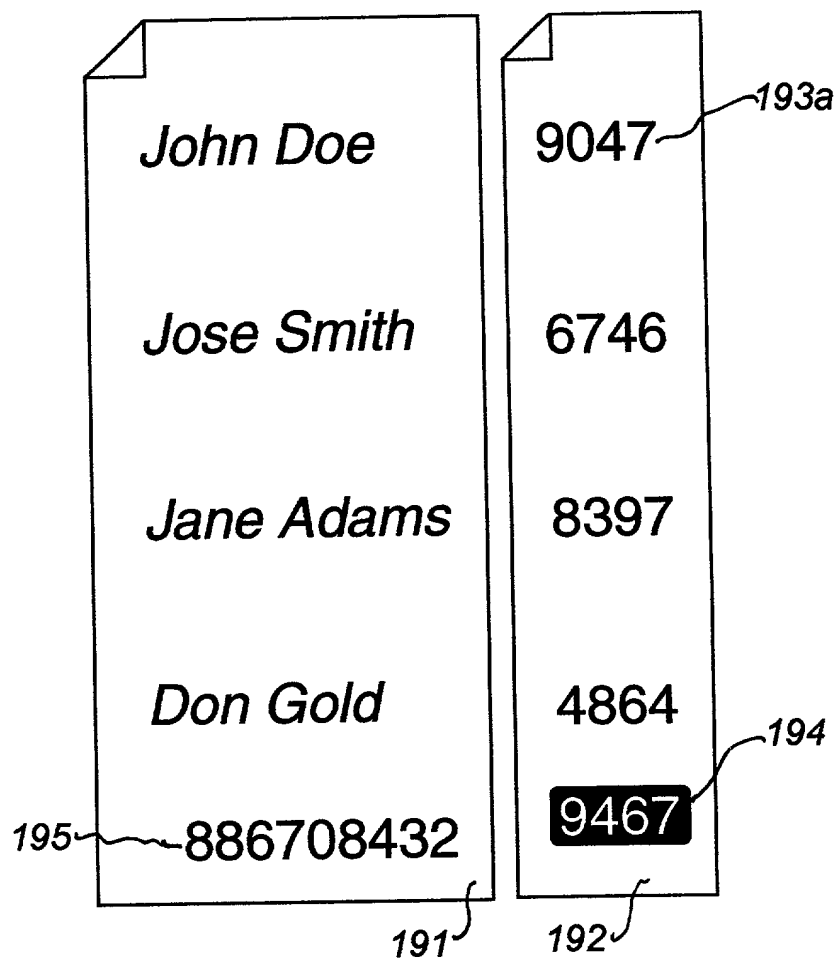
**Fig. 17d**





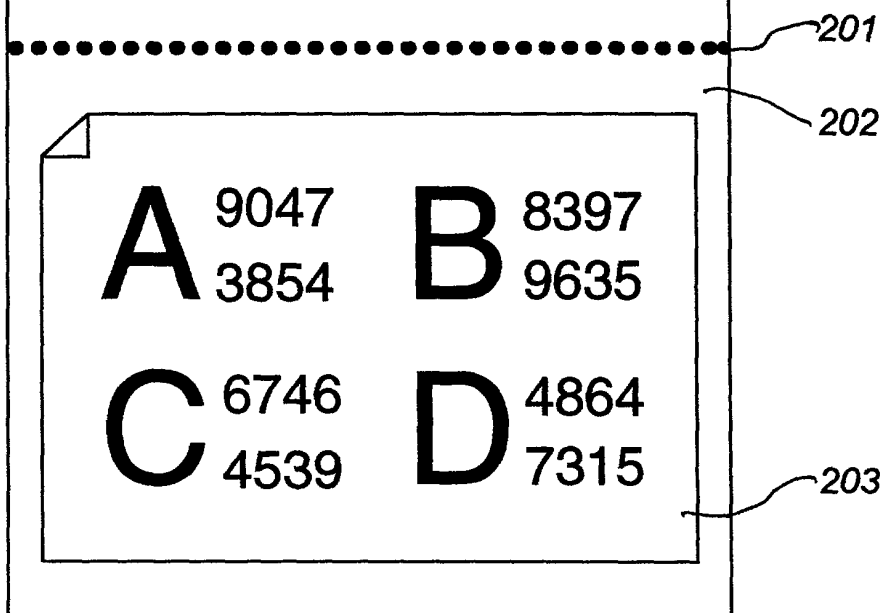


**Fig. 18**



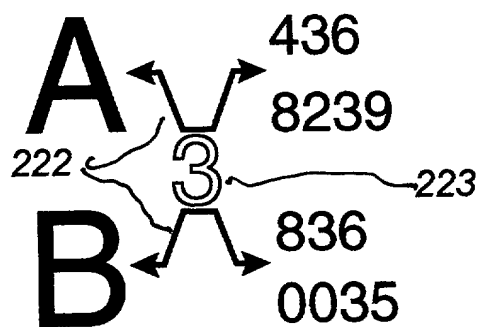
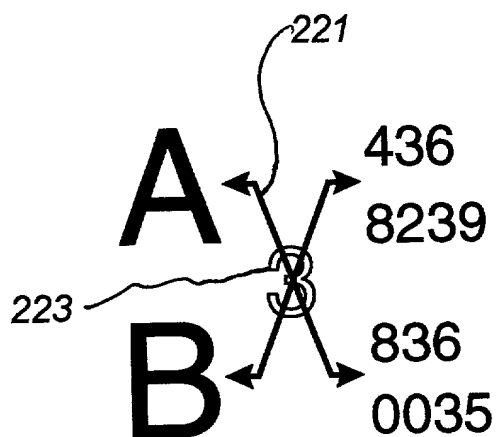
**Fig. 19**

70845211



**Fig. 20**

<b>1</b>	9047 3854	<b>2</b>	8397 9635	<b>3</b>	9047 3854
<b>4</b>	6746 4539	<b>5</b>	4864 7315	<b>6</b>	6746 4539
<b>7</b>	9047 3854	<b>8</b>	8397 9635	<b>9</b>	9047 3854
<b>Fig. 21</b>	<sup>210</sup> <b>0</b>		4864 — 212 7315 — 213		



**Fig. 22**

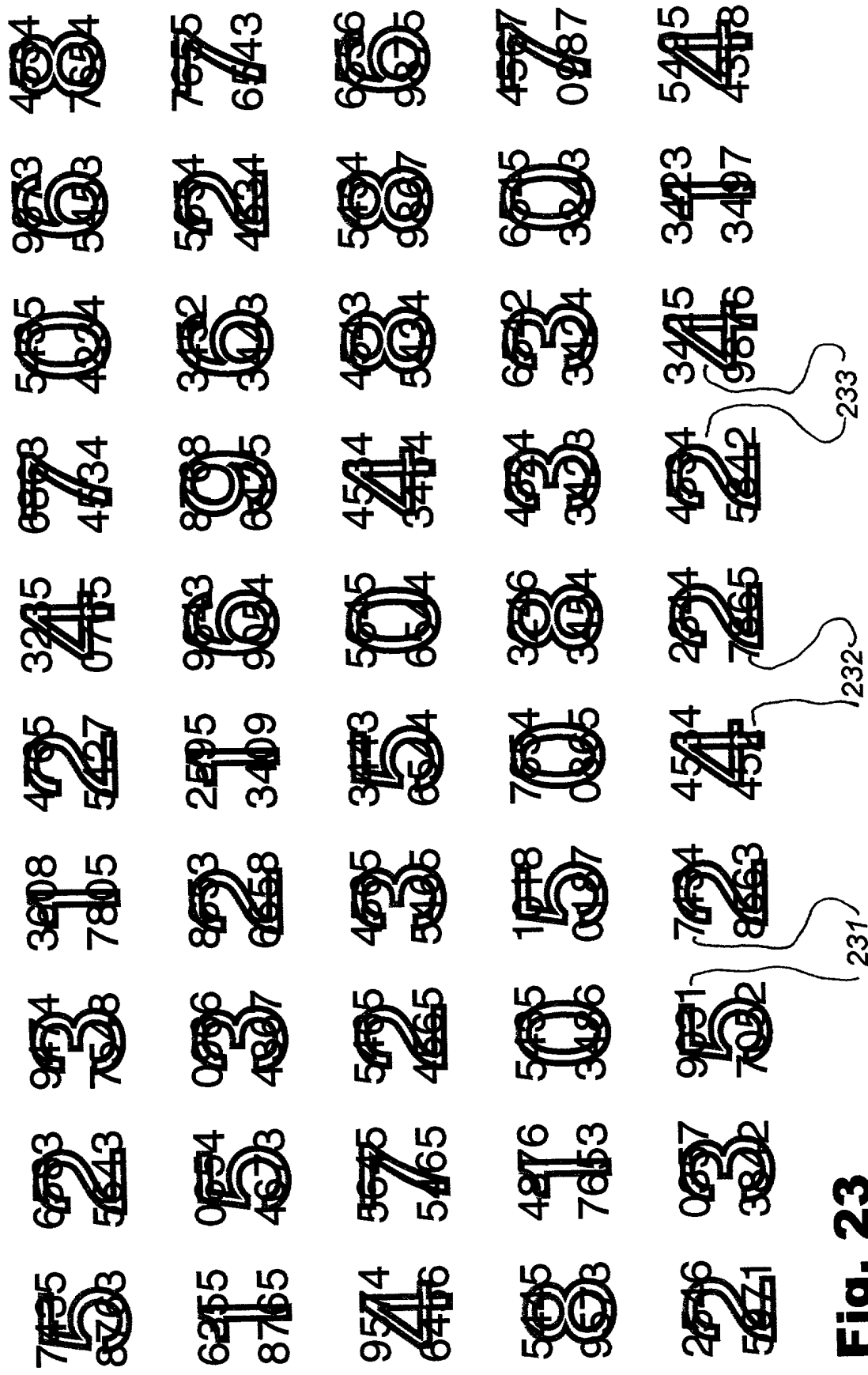
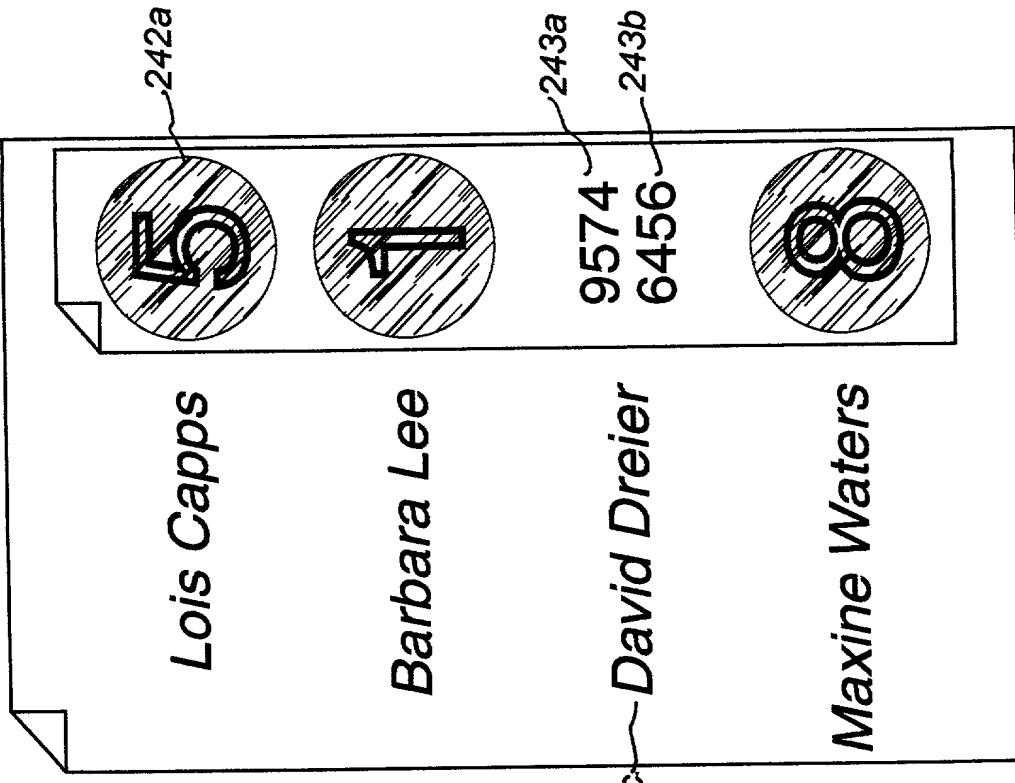
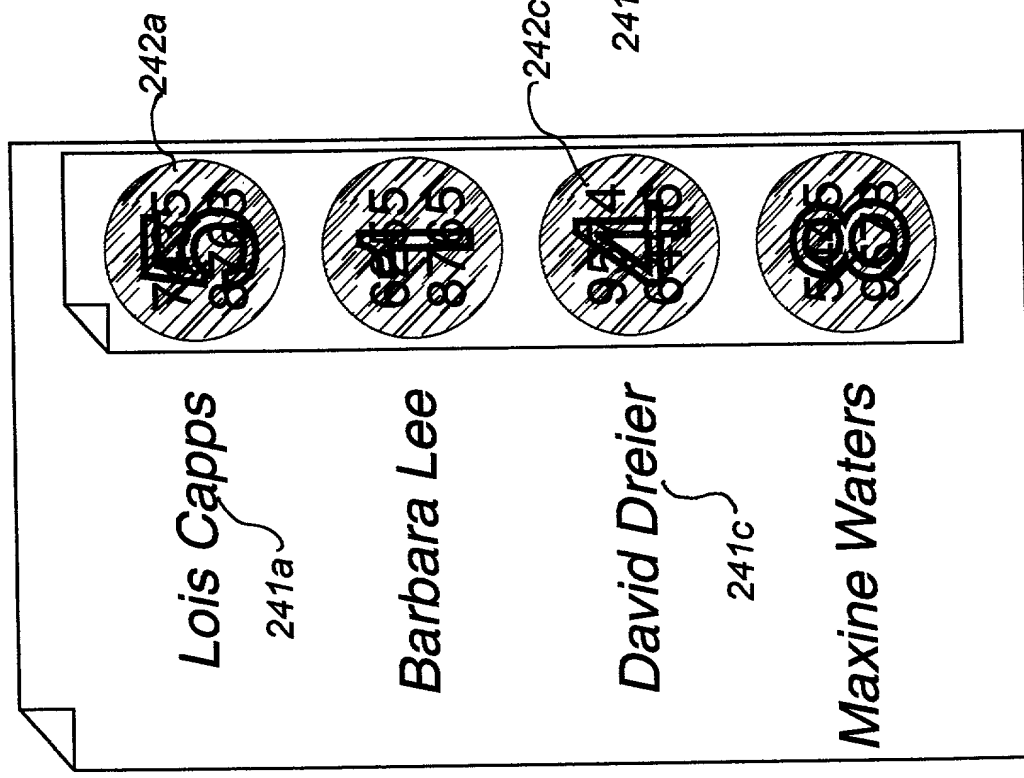


Fig. 23



**Fig. 24b**



**Fig. 24a**

**Mandatory**  
Code: W

254b

Write-In

255b

**Fig. 25b**

*John Doe*

*Jose Smith*

.....

**Mandatory**  
Code: W

254a

Write-In

255a

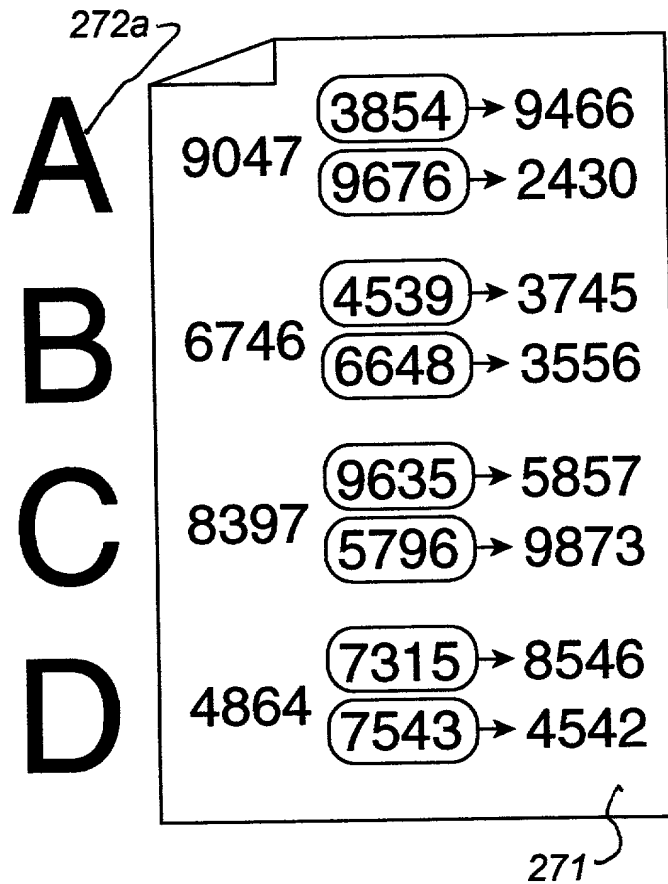
9574  
6456  
W345

251  
252  
253

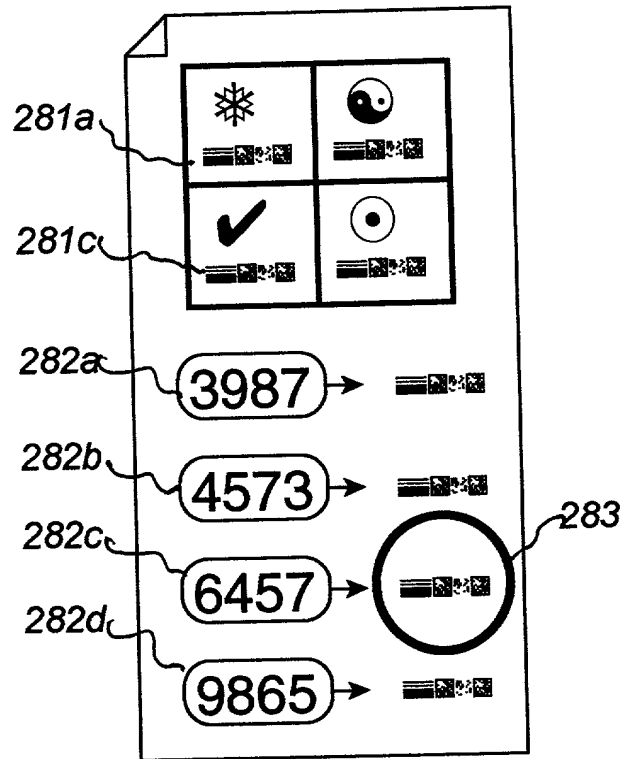
**Fig. 25a**



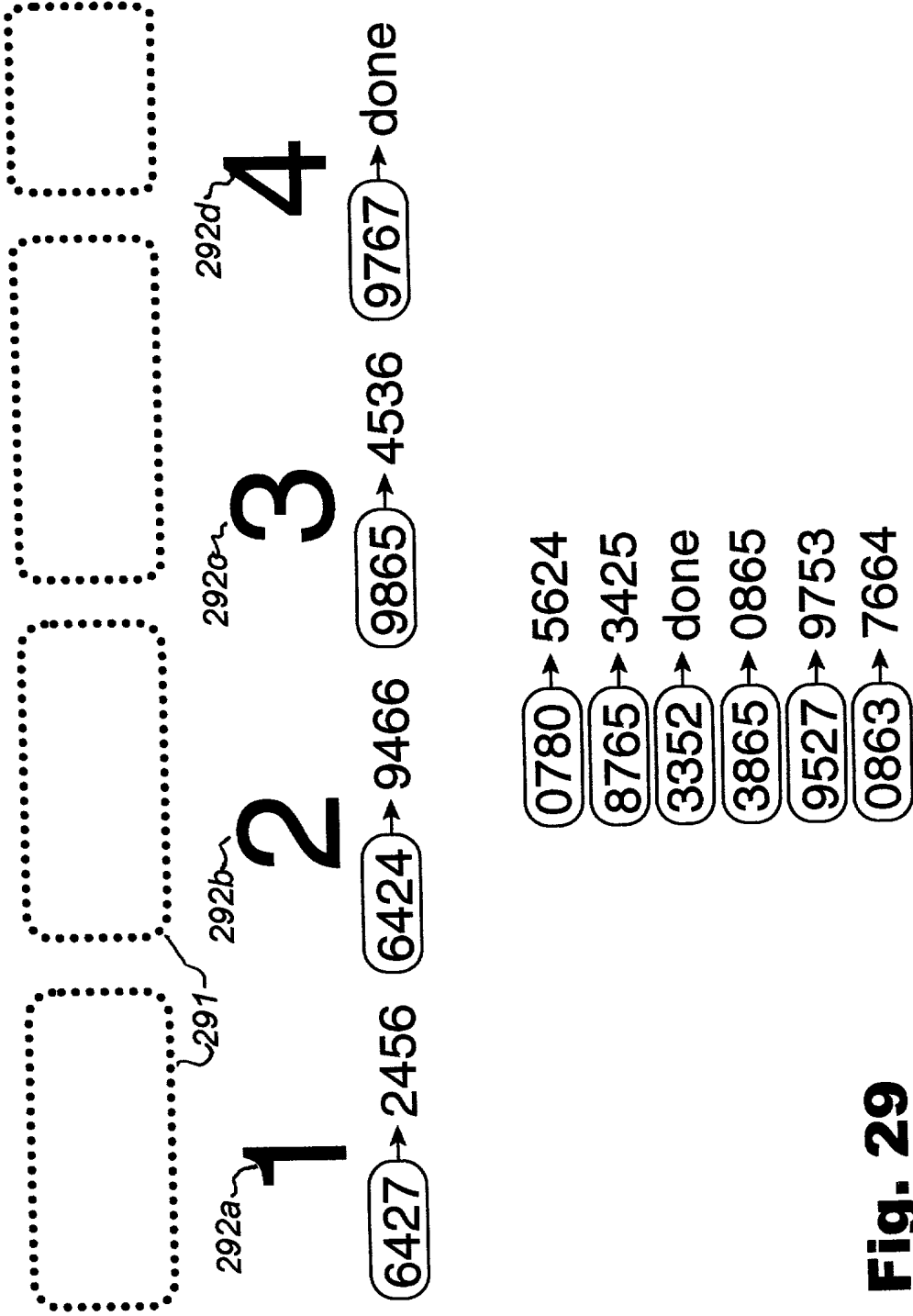




**Fig. 27**



**Fig. 28**



**Fig. 29**

**Begin making choices: 5348 5649 4575 3645**

*You must give the code above to begin and the code below to cast your vote. For protection, check candidate codes.*

302a

301a

225-263 Fortney Pete Stark

231-971 Dianne Feinstein

248-080 George P. Radanovich

271-870 Zoe Lofgren

320-107 Mary Whitaker Bono

342-030 Tom Lantos

383-445 Gary A. Condi

383-123 Joe Baca

403-010 Barbara Boxer

422-596 Bob Filner

444-176 Gary G. Miller

498-560 Robert T. Matsui

542-718 Lynn C. Woolsey

556-486 Nancy Pelosi

669-354 Douglas Ose

756-224 Christopher Cox

763-037 Barbara Lee

862-603 Jerry Lewis

893-836 Wally Herger

951-309 Richard W. Pombo

302b

301b

**Choose**

**Irrevocably cast  
your vote: 99640**

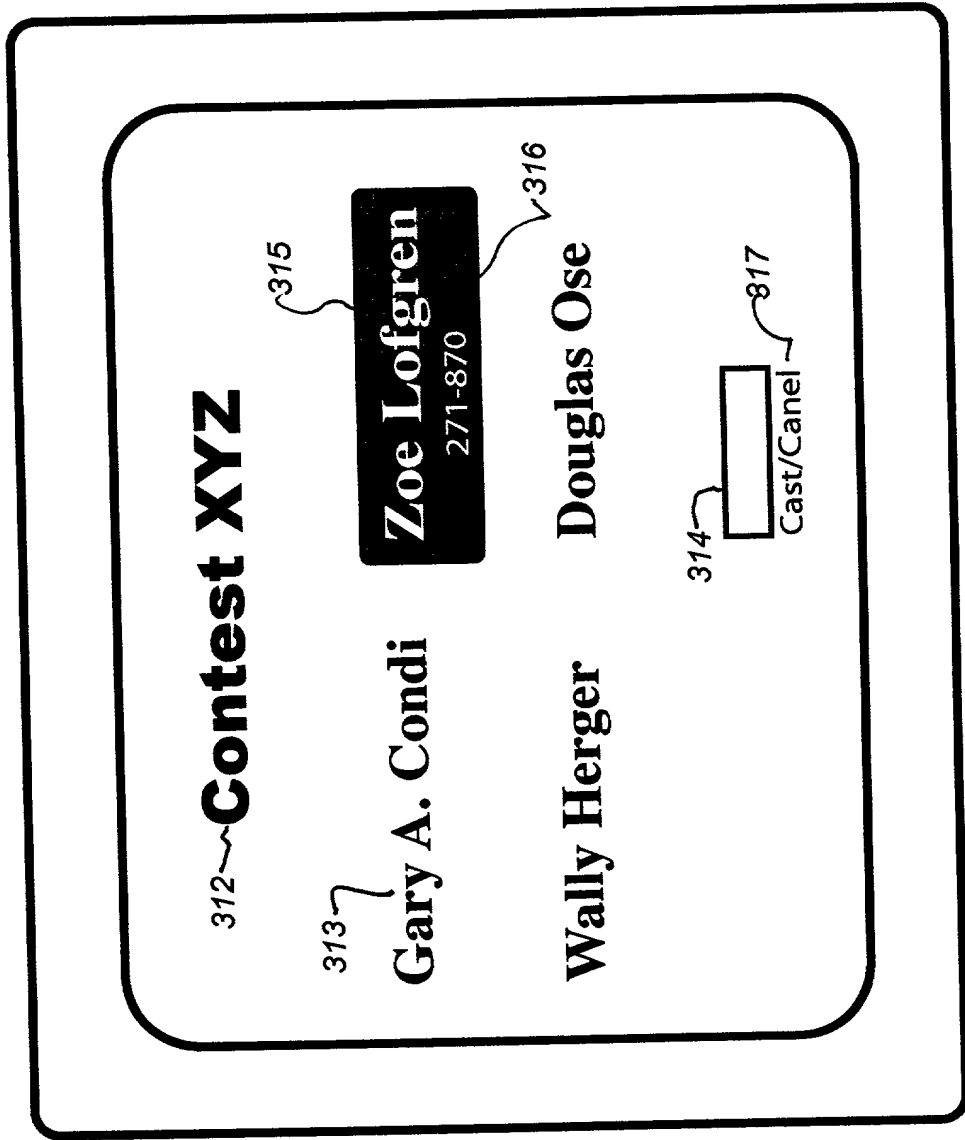
343-954

**only  
one**

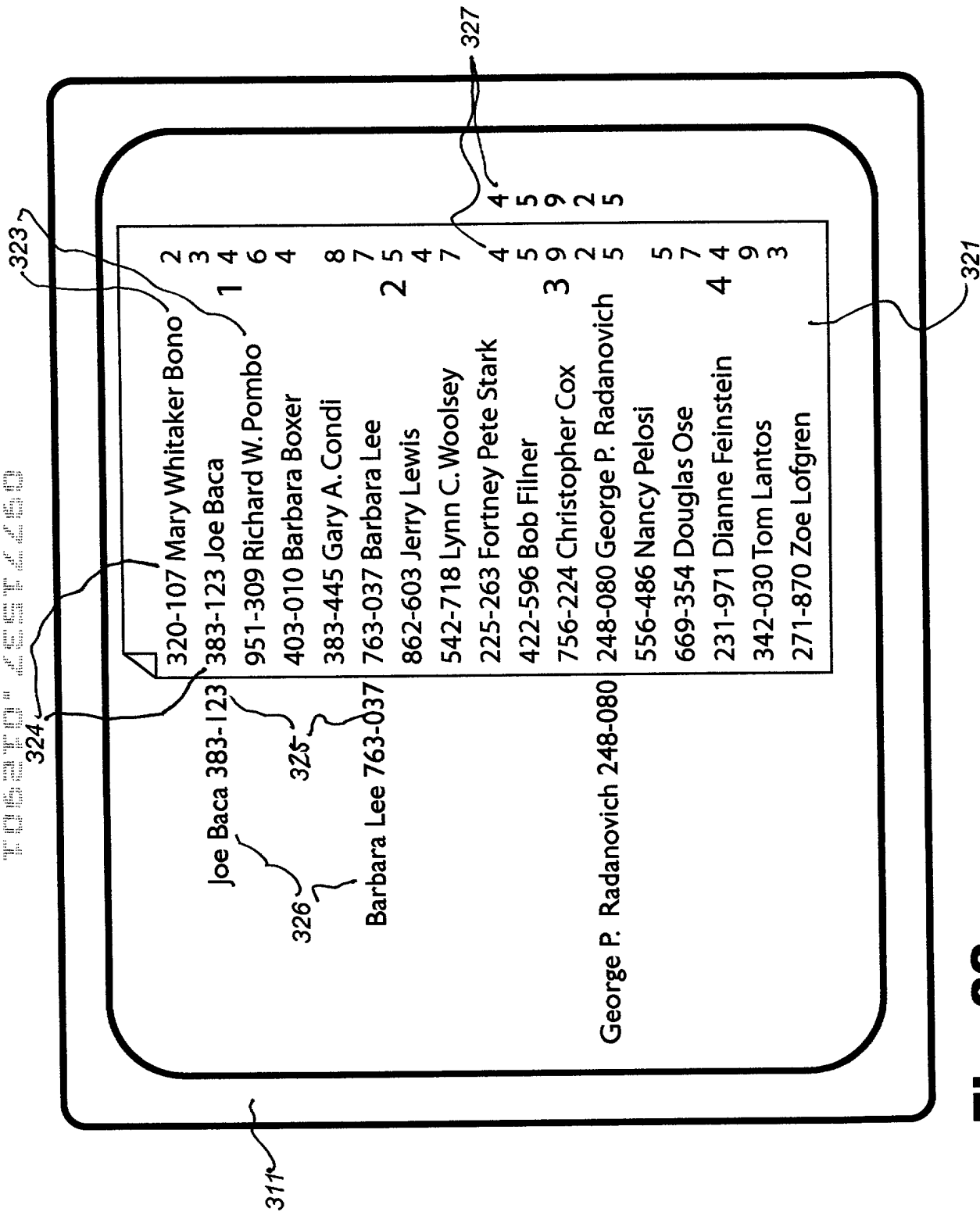
**Cancel choices for  
new ballot: 85306**

853-332

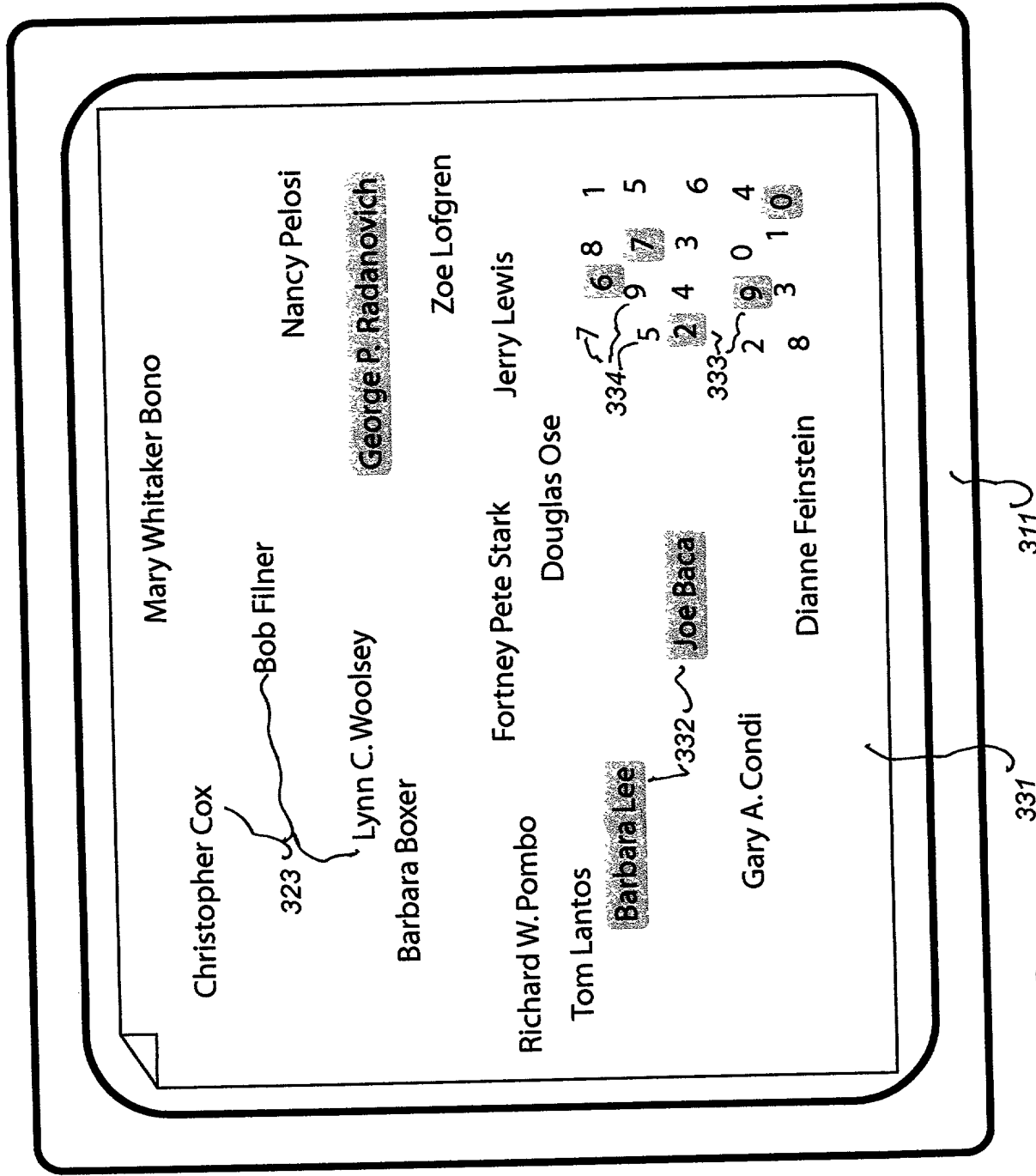
**Fig. 30**



**Fig. 31**

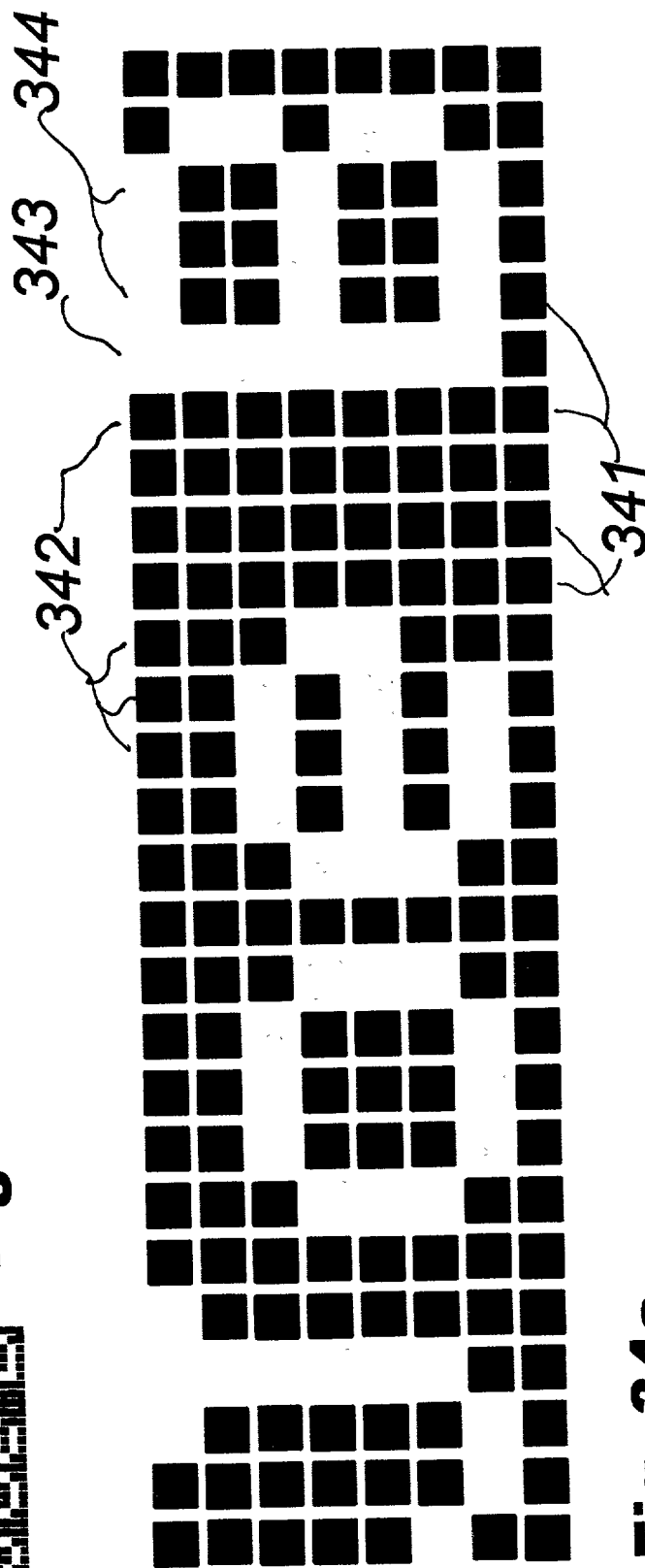


**Fig. 32**

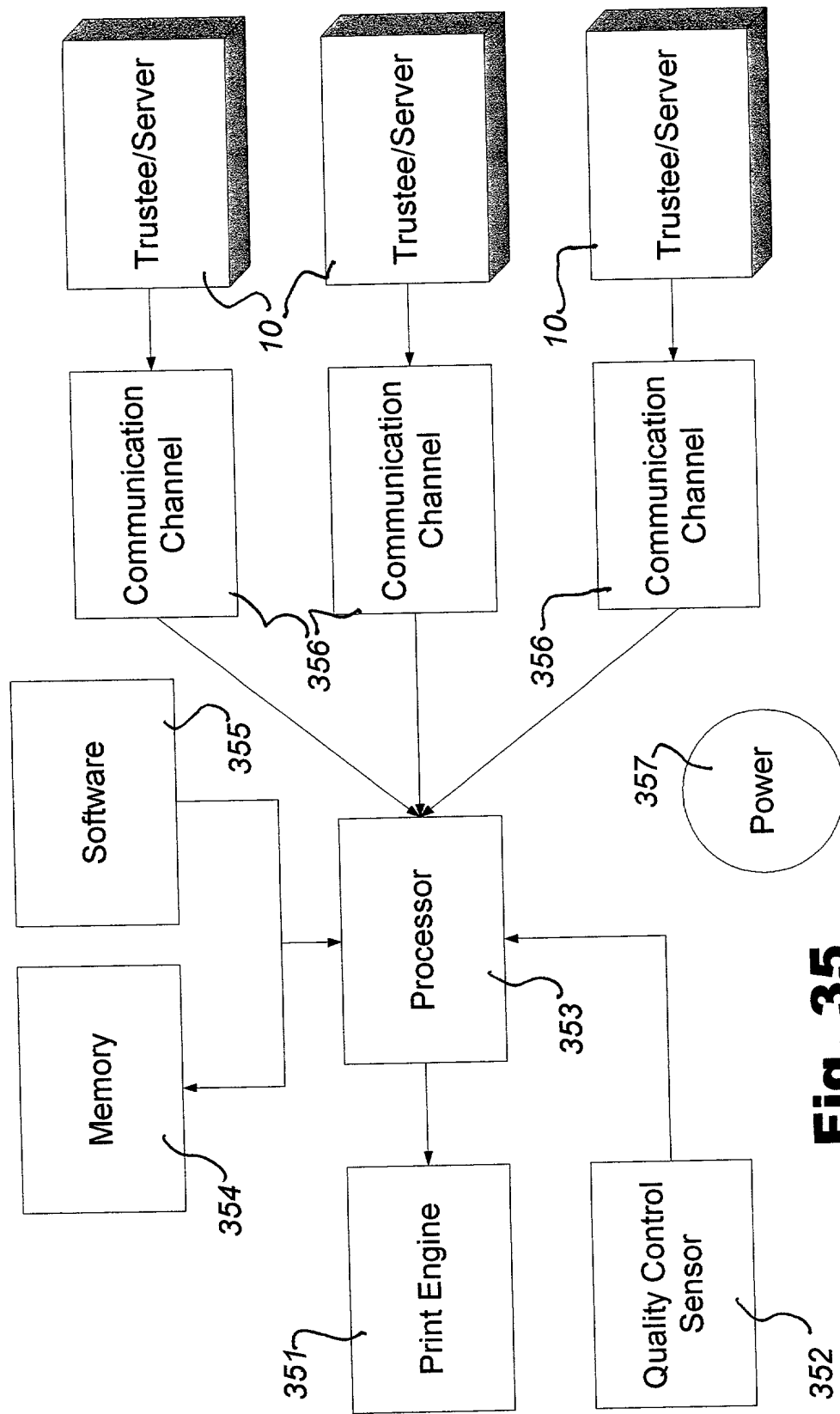




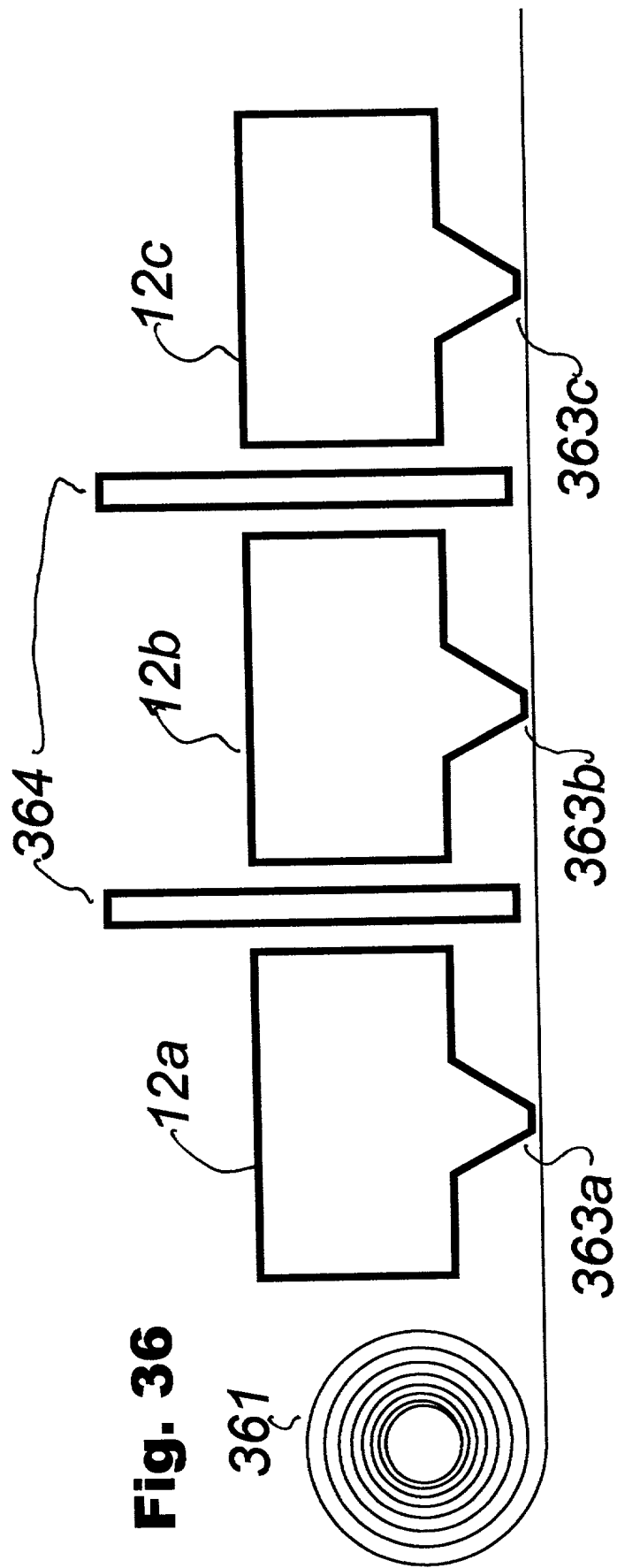
**Fig. 34b**



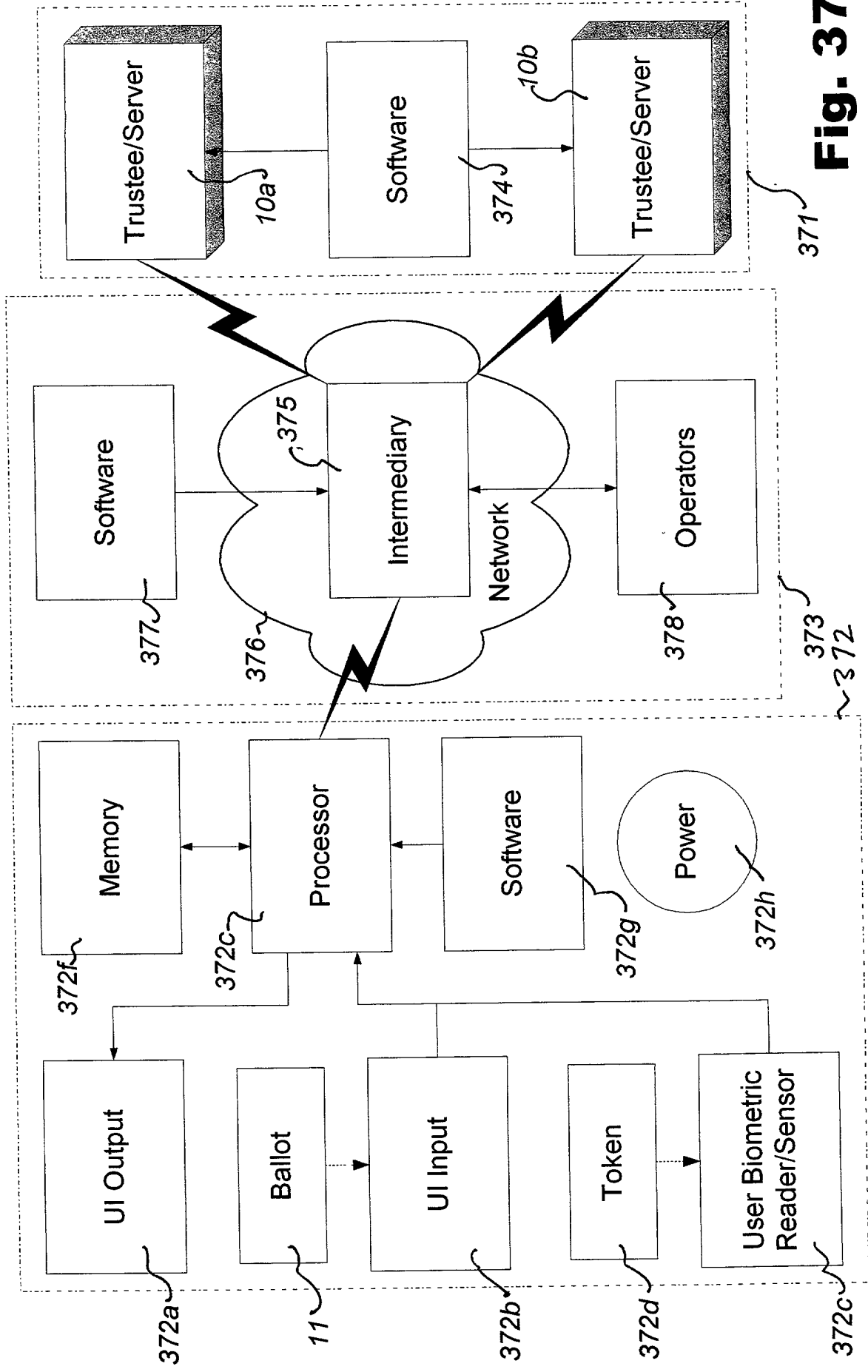
**Fig. 34a**



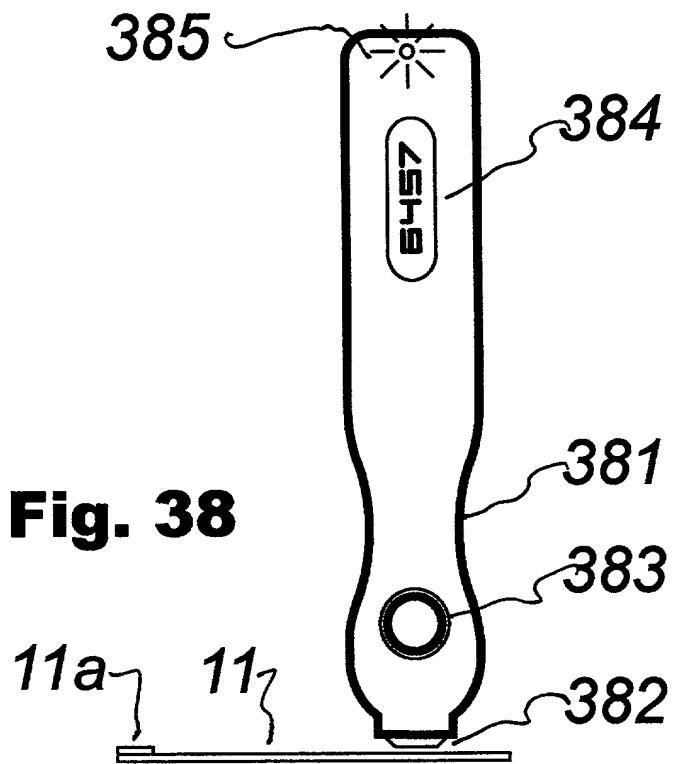
**Fig. 35**



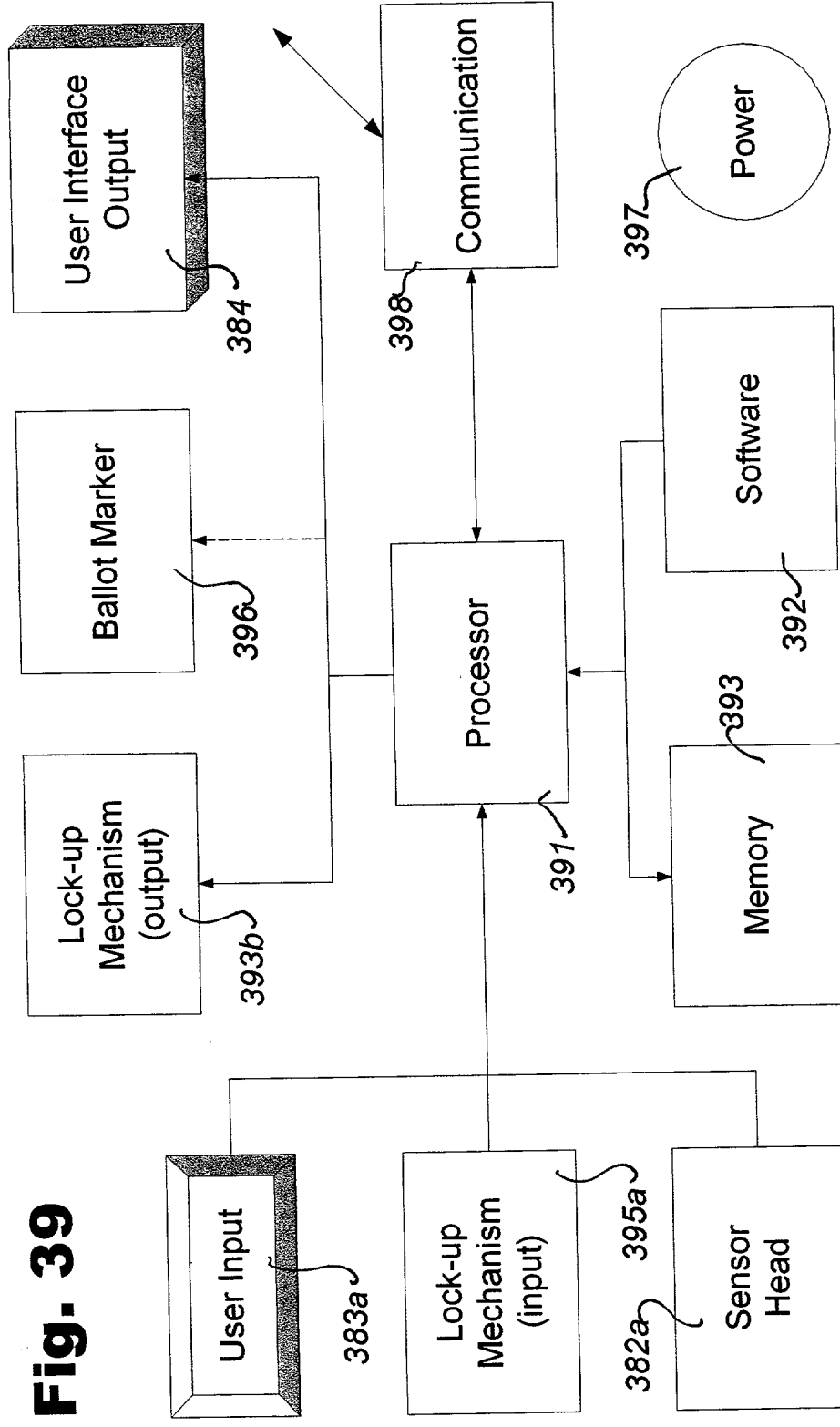
**Fig. 36**



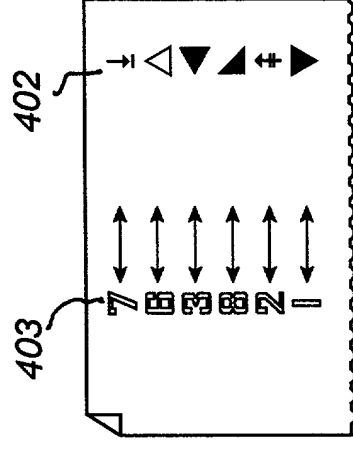
**Fig. 37**



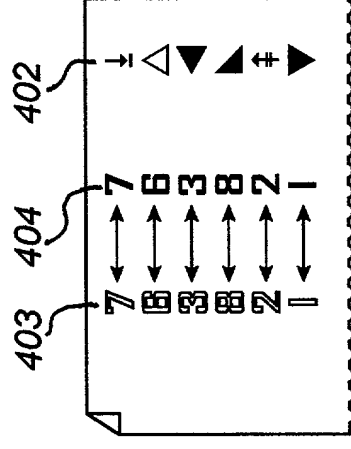
**Fig. 39**



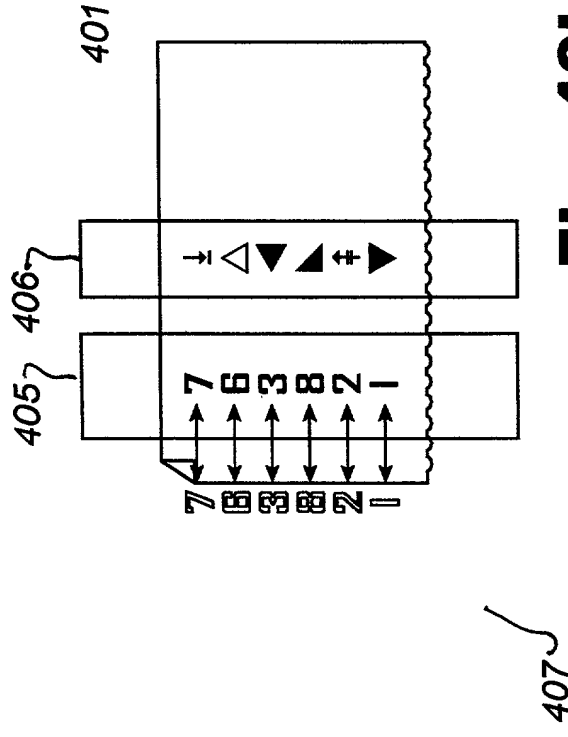
**Fig. 40a**



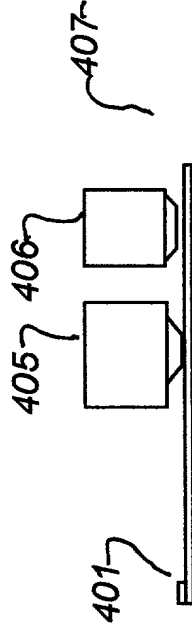
**Fig. 40c**

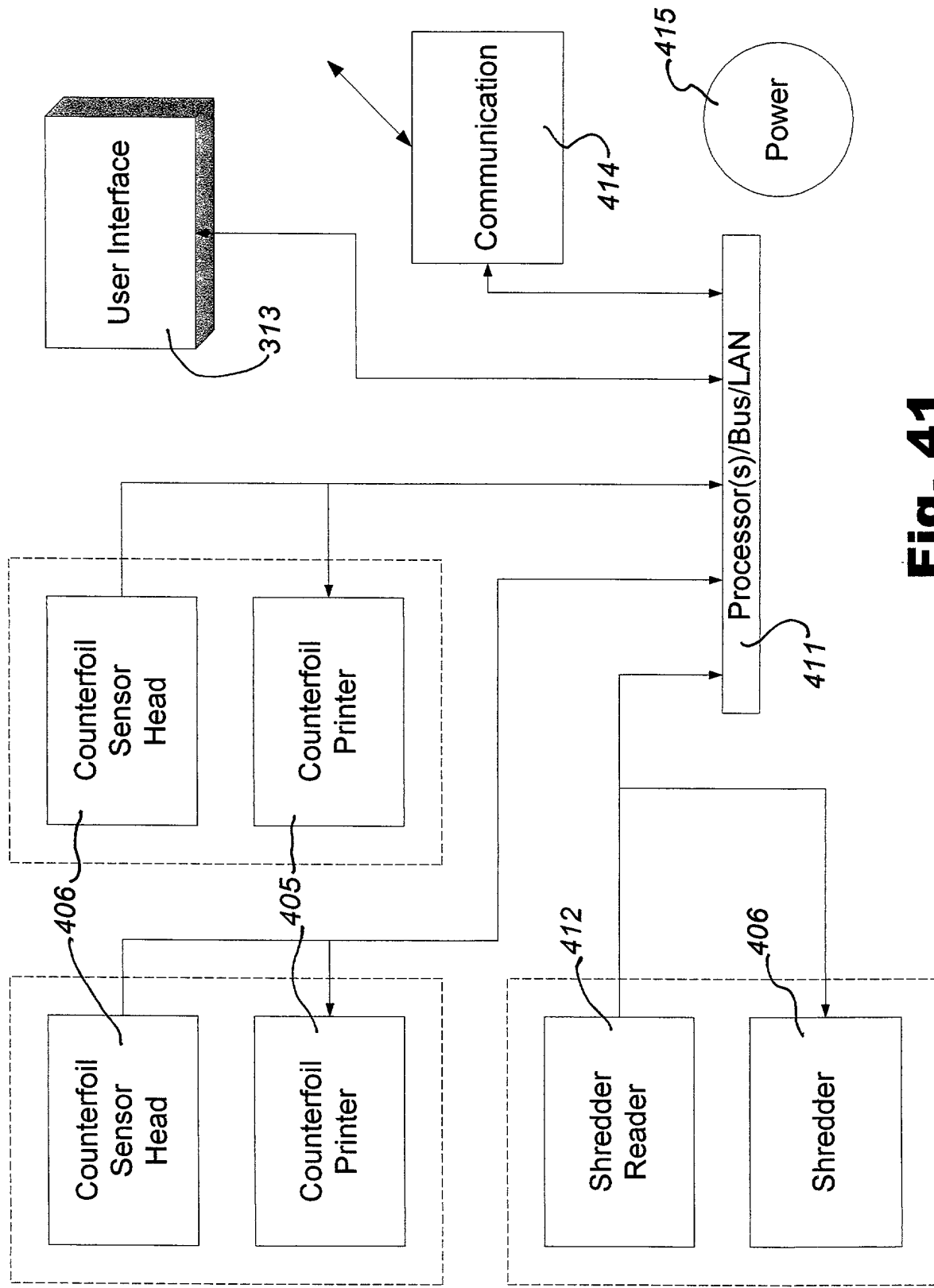


**Fig. 40b**



**Fig. 40d**





**Fig. 41**